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D3562-041
Job Sheet 188627



Part No: D3562-041

Job Qty: 4 pcs

Part Name: Step Weldment



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 1/14/19

Job Tracking No:

Due Date: 1/25/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG REV G IPP Rev:A New Issue 06-11-09 JLM IPP rev B ECN 987 07.10.09 EC verified by: DD IPP Rev:C
ECN1048 07-12-18 DD verified by:ec IPP Rev:D 08-07-28 add chemical conversion coat DD verf:EC IPP
REV:E 13.06.03 PER DWG REV.F DD VERF:JLM IPP REV:F 16.06.23 AS PER DWG REV.G DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Large Fab - Steps - 1	4 pcs	1/25/19		0.00	5.91	Large Fab - 1		
							Large Fab - 10		
							Large Fab - 2		
							Large Fab - 3		
							Large Fab - 4		
							Large Fab - 5		
							Large Fab - 6		
							Large Fab - 7		
							Large Fab - 8		
							Large Fab - 9		
110	QC 5	4 pcs	1/25/19		0.00	0.00	QC 5 - 10		
							QC 5 - 12		
							QC 5 - 17		
							QC 5 - 18		
							QC 5 - 19		
							QC 5 - 22		
							QC 5 - 24		
							QC 5 - 3		
							QC 5 - 38		
							QC 5 - 42		
							QC 5 - 43		
							QC 5 - 49		
							QC 5 - 51		
							QC 5 - 58		
							QC 5 - 68		
							QC 5 - 9		
							QC 5 - 50		
							QC 5 - 30		
120	Handfinish - 1-1 Chemical-B4B	4 pcs	1/25/19		0.00	0.00	Handfinish - 1 - 1 - B4B		
							Handfinish - 1 - 2 - B4B		
							Handfinish - 1 - 3 - B4B		

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					

				Handfinish - 1 - 4 - B4B	
				Handfinish - 1 - 5 - B4B	
				Handfinish - 1 - 6 - B4B	
				Handfinish - 1 - 7 - B4B	
				Handfinish - 1 - 8 - B4B	
				Handfinish - 1 - 9 - B4B	
				Handfinish - 1 - 10 - B4B	D.R19/01/22
				Handfinish - 1 - 11 - B4B	
				Handfinish - 1 - 12 - B4B	
				Handfinish - 1 - 13 - B4B	
				Handfinish - 1 - 14 - B4B	
				Handfinish - 1 - 15 - B4B	
				Handfinish - 1 - 16 - B4B	
				Handfinish - 1 - 17 - B4B	
				Handfinish - 1 - 18 - B4B	
				Handfinish - 1 - 19 - B4B	
				Handfinish - 1 - 20 - B4B	
				Handfinish - 1 - 21 - B4B	
				2Handfinish - 1 - 22 - B4B	
130 QC 7	4 pcs	1/25/19	0.00 0.00	QC 7 - 10	
				QC 7 - 13	
				QC 7 - 14	
				QC 7 - 15	
				QC 7 - 17	
				QC 7 - 18	
				QC 7 - 19	
				QC 7 - 2	
				QC 7 - 28	
				QC 7 - 3	
				QC 7 - 30	
				QC 7 - 34	
				QC 7 - 36	
				QC 7 - 37	
				QC 7 - 38	
				QC 7 - 41	
				QC 7 - 47	
				QC 7 - 48	
				QC 7 - 51	
				QC 7 - 58	
				QC 7 - 59	
				QC 7 - 6	
				QC 7 - 60	
				QC 7 - 9	
				QC 7 - 68	
				QC 7 - 50	
				QC 7 - 67	
140 Small Fab - 2 - B4B	4 pcs	1/25/19	0.00 8.33	Small Fab - 1 - B4B	
				Small Fab - 2 - B4B	
				Small Fab - 3 - B4B	
				Small Fab - 4 - B4B	
				Small Fab - 5 - B4B	
				Small Fab - 6 - B4B	
				Small Fab - 7 - B4B	
150 QC 5	4 pcs	1/25/19	0.00 0.00	QC 5 - 10	
				QC 5 - 12	
				QC 5 - 17	
				QC 5 - 18	
				QC 5 - 19	
				QC 5 - 22	

Entered: _____ Date: _____



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Date : _____	Sequence #: _____	QTY Affected : _____		MRB (QSI042) ☐	
Description Work Order Deviation		Disposition		Completed By	
1 2 3				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details: _____					

				QC 5 - 24	
				QC 5 - 3	
				QC 5 - 38	
				QC 5 - 42	
				QC 5 - 43	15
				QC 5 - 49	
				QC 5 - 51	
				QC 5 - 58	
				QC 5 - 68	
				QC 5 - 9	
				QC 5 - 50	
				QC 5 - 30	
160 Large Fab - Steps - 2 - B4B	4 pcs	1/25/19	0.00 5.91	Large Fab - 1 - B4B	
				Large Fab - 10 - B4B	
				Large Fab - 2 - B4B	
				Large Fab - 3 - B4B	
				Large Fab - 4 - B4B	CPC
				Large Fab - 5 - B4B	
				Large Fab - 6 - B4B	
				Large Fab - 7 - B4B	
				Large Fab - 8 - B4B	
				Large Fab - 9 - B4B	
170 QC 10	4 pcs	1/25/19	0.00 0.00	QC 10 - 10	
				QC 10 - 18	
				QC 10 - 24	DAS
				QC 10 - 38	38
				QC 10 - 43	9-89
				QC 10 - 50	
				QC 10 - 58	
				QC 10 - 9	
180 QC 5	4 pcs	1/25/19	0.00 0.00	QC 5 - 10	
				QC 5 - 12	
				QC 5 - 17	
				QC 5 - 18	
				QC 5 - 19	
				QC 5 - 22	
				QC 5 - 24	
				QC 5 - 3	DAS
				QC 5 - 38	38
				QC 5 - 42	9-89
				QC 5 - 43	
				QC 5 - 49	
				QC 5 - 51	
				QC 5 - 58	
				QC 5 - 68	
				QC 5 - 9	
				QC 5 - 50	
				QC 5 - 30	
190 Handfinish - 1-2- Chemical-B4B	4 pcs	1/25/19	0.00 0.92	Handfinish - 1 - 1 - B4B	
				Handfinish - 1 - 2 - B4B	
				Handfinish - 1 - 3 - B4B	
				Handfinish - 1 - 4 - B4B	
				Handfinish - 1 - 5 - B4B	
				Handfinish - 1 - 6 - B4B	
				Handfinish - 1 - 7 - B4B	
				Handfinish - 1 - 8 - B4B	
				Handfinish - 1 - 9 - B4B	
				Handfinish - 1 - 10 - B4B	D.R 19/01/24
				Handfinish - 1 - 11 - B4B	
				Handfinish - 1 - 12 - B4B	

Entered: _____ Date: _____



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Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					

				Handfinish - 1 - 13 - B4B	
				Handfinish - 1 - 14 - B4B	
				Handfinish - 1 - 15 - B4B	
				Handfinish - 1 - 16 - B4B	
				Handfinish - 1 - 17 - B4B	
				Handfinish - 1 - 18 - B4B	
				Handfinish - 1 - 19 - B4B	
				Handfinish - 1 - 20 - B4B	
				Handfinish - 1 - 21 - B4B	
				2Handfinish - 1 - 22 - B4B	
200 Powdercoat - 1 White Gl(A) -B4B	4 pcs	1/25/19	0.00 1.10	Powdercoat - 1 - B4B	
				Powdercoat - 2 - B4B	8 FEB 19-01-22 25
				Powdercoat - 3 - B4B	
				Powdercoat - 4 - B4B	
210 Handfinish - 3-1- WingWalk-B4B	4 pcs	1/25/19	0.00 0.92	Handfinish - 3 - 1 - B4B	8 FEB 19-01-25
				Handfinish - 3 - 2 - B4B	
				Handfinish - 3 - 3 - B4B	
				Handfinish - 3 - 4 - B4B	
				Handfinish - 3 - 5 - B4B	
215 QC 3	4 pcs	1/25/19	0.00 0.00	QC 3 - 10	
				QC 3 - 13	
				QC 3 - 15	
				QC 3 - 17	
				QC 3 - 18	
				QC 3 - 2	
				QC 3 - 26	
				QC 3 - 28	
				QC 3 - 3	
				QC 3 - 30	
				QC 3 - 34	
				QC 3 - 36	DAS
				QC 3 - 38	38
				QC 3 - 41	9-89
				QC 3 - 51	
				QC 3 - 58	
				QC 3 - 59	
				QC 3 - 6	
				QC 3 - 68	
				QC 3 - 9	
230 Packaging 3-1 - Stock - B4B	4 pcs	1/25/19	0.00 0.00	Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	DAS
				Packaging 3 - 9 - B4B	30 9-89
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

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Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					

	Packaging 3 - 21 - B4B				
	Packaging 3 - 22 - B4B				
	Packaging 3 - 23 - B4B				
	Packaging 3 - 24 - B4B				
	Packaging 3 - 25 - B4B				
	Packaging 3 - 26 - B4B				
	Packaging 3 - 27 - B4B				
	Packaging 3 - 28 - B4B				
	Packaging 3 - 29 - B4B				
	Packaging 3 - 30 - B4B				
	Packaging 3 - 31 - B4B				
	Packaging 3 - 32 - B4B				
	Packaging 3 - 33 - B4B				
	Packaging 3 - 34 - B4B				
	Packaging 3 - 35 - B4B				
240 QC 21 - SA	4	1/25/19	0.00 0.00	QC 21 - SA - 21	DAS 21
	pcs			QC 21 - SA - 70	9-8 JAN 30 2019

Part Op 100 - (Fabricate per Drwg), 1-Cut D2622 extrusion as per Dwg D3562
 Descriptions: 110 - (QC5- Inspect part completeness to step on W/O)
 120 - (Chemical Conversion Coat per QSI005 4.1)
 130 - (QC7-Inspect Chemical Conversion Coat)
 140 - 1- Transfer drill Rivet holes as per dwg D3562. 2-Touch-up rivet holes with alodine as per dwg d3562 3-Rivet legs using Scotch-Weld as per dwg D3562. *****Ensure to wipe off any excess magnobond ***** A/R Scotch-Weld DP460
 Batch: _____ EXP DATE: _____
 150 - (QC5- Inspect part completeness to step on W/O)
 160 - (Weld per dwg A/R Aluminum rod Batch: _____), 1-Weld end caps as per Dwg d3562 & QSI 004. Inspect for foreign objects as per QSI 024. 2-Grind end cap welds flush as per Dwg D3562
 170 - (QC10- Inspect visual per QSI004- ground welds)
 180 - (QC5- Inspect part completeness to step on W/O)
 190 - (Chemical Conversion Coat per QSI005 4.1)
 200 - (White Gloss(Ref:4.3.5.1) per QSI005 4.3-Alum), START TIME: 6:45 TEMP: 320° FINISH: 7:15
 210 - (Wing Walk as per dwg QSI005 4.4 Batch: M138963)
 215 - (QC3- Inspect Part Finish)
 230 - (Identify as per dwg & Stock Location: _____)
 240 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D2622-120C	Step Extrusion	4 pcs (1 ea)	100-Large Fab - Steps - 1	5104007
D2734	Step End Plate	8 pcs (2 ea)	140-Small Fab - 2 - B4B	5128766 5102832
D3560-041	Arm Weldment	4 pcs (1 ea)	140-Small Fab - 2 - B4B	5073526 5069162
D3560-043	Arm Weldment	4 pcs (1 ea)	140-Small Fab - 2 - B4B	5072726 5144987
MS20600-AD4W4	Rivet	128 Ea (32 ea)	140-Small Fab - 2 - B4B	5117599

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Large Fab - Steps - 1	D2622-120C	4	295	0
140-Small Fab - 2 - B4B	D2734	8	45	0
	D3560-041	4	5	0
	D3560-043	4	0	0
	MS20600-AD4W4	128	4,672	0

Part Specifications

Specifications could not be found.

Plex 1/14/19 7:32 AM Dart.lajeunesse.marie

DART
AEROSPACE

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Container No: S146612



Part: D3562 - 041

Job No: 188627

Serial No/Batch: S146612

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Date: 01/22/19

007621

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

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Date : _____	Sequence #: _____	QTY Affected : _____		MRB (QS1042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details: _____					